

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(US-6095424-\$).did.	USPAT	AND	ON	2008/02/02 21:42
L2	1	1 (contact near55 contactless)	US- PGPUB; USPAT; JPO	AND	ON	2008/02/02 21:42
L3	28	(card or fob or tag).ab. (contact near1 (chip or IC or processor or micro \$1processor or micro \$1chip or cpu or (process \$4 adj unit))) ((contact \$1less or (contact adj less) or wire\$1less or RF or (radio adj frequency) or radio\$1frequency or (radio adj frequency)) near1 (chip or micro\$1chip or IC or processor or micro \$1processor or cpu or (process\$4 adj unit))) ((combination or hybrid) near (card or fob or tag))	US- PGPUB; USPAT	AND	ON	2008/02/02 22:01
L4	12	L3 @AD< "20020917"	US- PGPUB; USPAT; JPO	AND	ON	2008/02/02 22:01
L5	48	(card or fob or tag).ab. (contact near (chip or IC or processor or micro \$1processor or cpu or (process\$4 adj unit))) ((contact\$1less or (contact adj less) or wire\$1less or RF or (radio adj frequency) or radio \$1frequency or (radio adj frequency)) near (chip or IC or processor or micro \$1processor or cpu or (process\$4 adj unit))) ((combination or hybrid) near3 (card or fob or tag))	US- PGPUB; USPAT	AND	ON	2008/02/02 22:02

L6	24	(card or fob or tag) near3 (contact near (chip or IC or processor or micro \$1processor)) near3 ((contact\$1less or (contact adj less) or wire\$1less or RF or (radio adj frequency) or radio \$1frequency or (radio adj frequency)) near (chip or IC or processor or micro \$1processor)) ((combination or hybrid) near3 (card or fob or tag))	US- PGPUB; USPAT	AND	ON	2008/02/02 22:02
L7	54	((contact or ((ISO\$1IEC or ISO or IEC) adj "7816")) near10 (chip or IC or (integrated adj circuit) or processor or micro \$1processor)) near99 ((contact\$1less or (contact adj less) or ((ISO\$1IEC or ISO or IEC) adj "14443") or wire\$1less or proximity or RF or (radio adj frequency) or radio \$1frequency or (radio adj frequency)) near10 (chip or IC or (integrated adj circuit) or processor or micro\$1processor)) near99 (cavity or recess or indent \$6 or notch or groove or hole or dimple or furrow or rut)	US- PGPUB; USPAT	AND	ON	2008/02/02 22:03
L8	13	(US-20030183914-\$ or US-20020053598-\$ or US-20010050138-\$ or US-20030112354-\$).did. or (US-6566163-\$ or US-6616054-\$ or US-6572015-\$ or US-6440773-\$ or US-6944246-\$ or US-6568600-\$ or US-6705531-\$ or US-6604685-\$ or US-6931234-\$).did.	US- PGPUB; USPAT	AND	ON	2008/02/02 22:03
L9	54	L7 not L8	US- PGPUB; USPAT; JPO	AND	ON	2008/02/02 22:03

L10	3407	(235/492).CCL.S.	US- PGPUB; USPAT	OR	OFF	2008/02/02 22:05
L11	354	L10 cavity	US- PGPUB; USPAT	AND	ON	2008/02/02 22:05
L12	77	L11 (cavity near2 (chip or IC or (integrated adj circuit) or processor or micro\$1processor))	US- PGPUB; USPAT	AND	ON	2008/02/02 22:05
L13	49	L12 @ad<"20020917"	US- PGPUB; USPAT	AND	ON	2008/02/02 22:05
L14	5	L13 (((contact or ((ISO \$1IEC or ISO or IEC) adj "7816"))) near2 (chip or IC or (integrated adj circuit) or processor or micro \$1processor)) ((contact \$1less or (contact adj less) or ((ISO\$1IEC or ISO or IEC) adj "14443") or wire \$1less or proximity or RF or (radio adj frequency) or radio\$1frequency or (radio adj frequency)) near2 (chip or IC or (integrated adj circuit) or processor or micro\$1processor)) )	US- PGPUB; USPAT	AND	ON	2008/02/02 22:05
L15	12	L11 (((contact or ((ISO \$1IEC or ISO or IEC) adj "7816"))) near2 (chip or IC or (integrated adj circuit) or processor or micro \$1processor)) near999 ((contact\$1less or (contact adj less) or ((ISO\$1IEC or ISO or IEC) adj "14443") or wire\$1less or proximity or RF or (radio adj frequency) or radio \$1frequency or (radio adj frequency)) near2 (chip or IC or (integrated adj circuit) or processor or micro\$1processor)) )	US- PGPUB; USPAT	AND	ON	2008/02/02 22:05
L16	11	L15 not L14	US- PGPUB; USPAT	AND	ON	2008/02/02 22:05

L17	6	L16 @ad<"20020917"	US- PGPUB; USPAT	AND	ON	2008/02/02 22:05
L18	109	(chip or IC or (integrated adj circuit) or smart or memory) near card).ab. ((stack\$3 or (top adj of)) near (chip or IC or (integrated adj circuit) or processor or CPU or micro \$1processor)	US- PGPUB; USPAT	AND	ON	2008/02/02 22:06
L19	39	L18 @ad<"20020917"	US- PGPUB; USPAT	AND	ON	2008/02/02 22:06
L20	23	((chip or IC or (integrated adj circuit)) near card) (antenna near999 (conduct \$4 or connect\$4) near999 (liquid or fluid))	US- PGPUB; USPAT	AND	ON	2008/02/02 22:07
L21	12	L20 @ad<"20020917"	US- PGPUB; USPAT	AND	ON	2008/02/02 22:07
L22	24	(card or fob or tag) near3 (contact near (chip or IC or processor or micro \$1processor)) near3 ((contact\$1less or (contact adj less) or wire\$1less or RF or (radio adj frequency) or radio \$1frequency or (radio adj frequency)) near (chip or IC or processor or micro \$1processor)) ((combination or hybrid) near3 (card or fob or tag))	US- PGPUB; USPAT	AND	ON	2008/02/02 22:08
L23	13	L22 @ad<"20020917"	US- PGPUB; USPAT	AND	ON	2008/02/02 22:08

L24	35	(card or fob or tag) near20 ((contact or ((ISO\$1IEC or ISO or IEC) adj "7816")) near1 (chip or IC or (integrated adj circuit) or processor or micro \$1processor)) near20 ((contact\$1less or (contact adj less) or ((ISO\$1IEC or ISO or IEC) adj "14443") or wire\$1less or proximity or RF or (radio adj frequency) or radio \$1frequency or (radio adj frequency)) near1 (chip or IC or (integrated adj circuit) or processor or micro\$1processor)) ((combination or hybrid) near5 (card or fob or tag))	US-PGPUB; USPAT	AND	ON	2008/02/02 22:08
L25	35	L24 ((both or dual or multiple or plural\$4 or several or many or few or two or dual or (more than one) or second) near10 (chip or IC or (integrated adj circuit) or processor or micro\$1processor))	US-PGPUB; USPAT	AND	ON	2008/02/02 22:08
L26	14	L25 @ad< "20020917"	US-PGPUB; USPAT	AND	ON	2008/02/02 22:08
L27	115	(card or fob or tag) near20 ((contact or ((ISO\$1IEC or ISO or IEC) adj "7816")) near1 (chip or IC or (integrated adj circuit) or processor or micro \$1processor)) near20 ((contact\$1less or (contact adj less) or ((ISO\$1IEC or ISO or IEC) adj "14443") or wire\$1less or proximity or RF or (radio adj frequency) or radio \$1frequency or (radio adj frequency)) near1 (chip or IC or (integrated adj circuit) or processor or micro\$1processor))	US-PGPUB; USPAT	AND	ON	2008/02/02 22:08

L28	101	L27 not (L23 or L26)	US- PGPUB; USPAT	AND	ON	2008/02/02 22:08
L29	22	L28 @ad<"20020917"	US- PGPUB; USPAT	AND	ON	2008/02/02 22:08

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